

# Microfilter, Series NL6-FLC

- G 1

- filter porosity 0,01 µm

- suitable for ATEX



Version	Microfilter, Can be assembled into blocks
Parts	Microfilter
Mounting orientation	vertical
Certificates	suitable for ATEX
Working pressure min./max.	1,5 ... 16 bar
Ambient temperature min./max.	-10 ... 60 °C
Medium temperature min./max.	-10 ... 60 °C
Medium	Compressed air Neutral gases
Filter reservoir volume	150 cm <sup>3</sup>
Filter element	exchangeable
filter porosity	0,01 µm
Condensate drain	fully automatic, open without pressure
Weight	See table

## Technical data

Part No.	Port	Qn	Weight
0821303819	G 3/4	2600 l/min	1,66 kg
0821303814	G 1	4200 l/min	1,97 kg

## Technical information

Reservoir: metal, with bayonet catch

Suitable for use in Ex zones 1, 2, 21, 22

The pressure dew point must be at least 15 °C under ambient and medium temperature and may not exceed 3 °C .

Note: Polycarbonate reservoirs are susceptible to solvents, supplementary information can be found at "Customer information".

A change in the flow direction (from air supply on the left to air supply on the right) occurs by rotating installation by 180° about the vertical axis. Please see the operating instructions for further details.

Also suitable for separation of fluid oil or water due to the design.

Recommended pre-filtering 0,3 µm

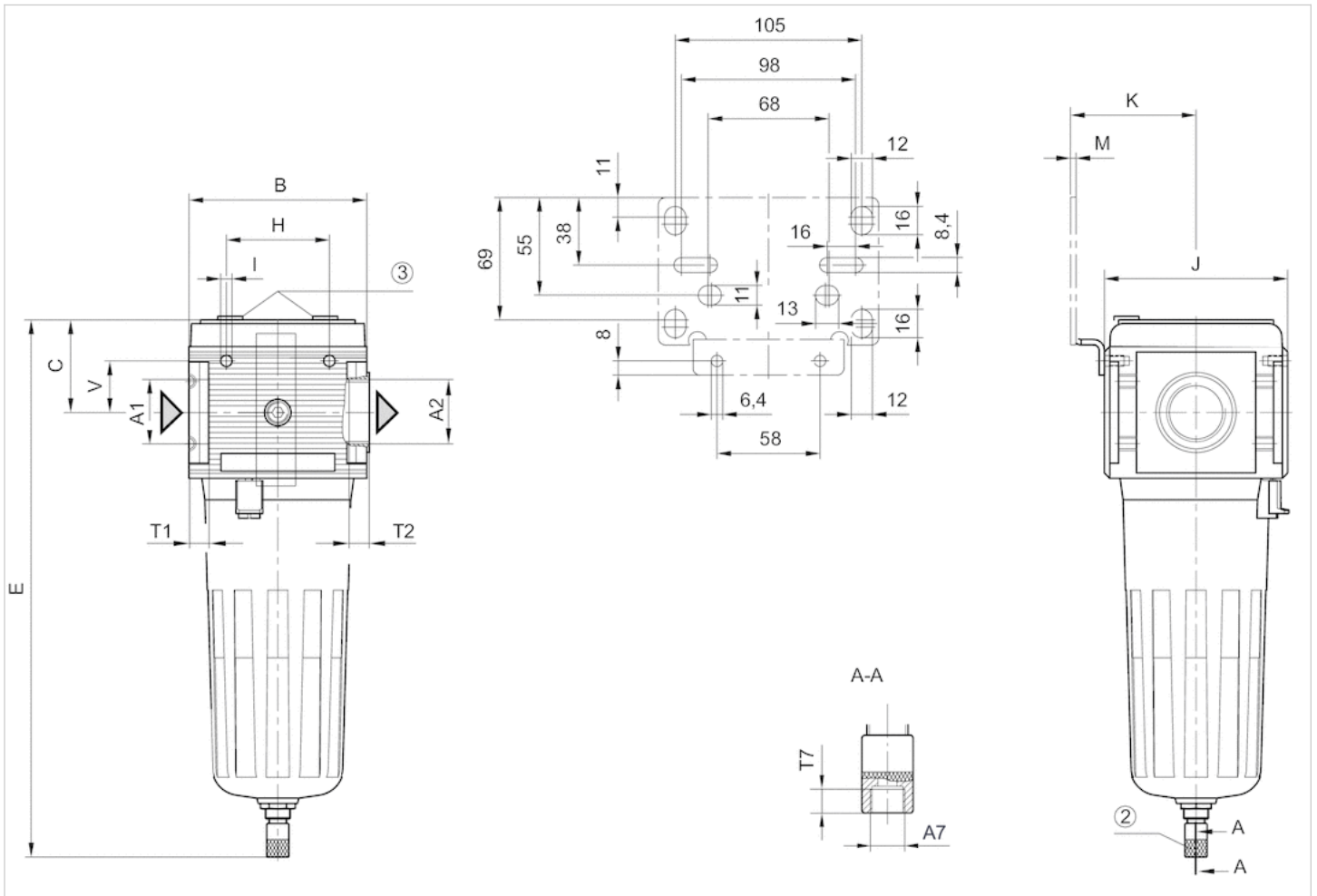
Max. achievable compressed air class acc. to ISO 8573-1:2010 1 : - : 2

## Technical information

Material	
Housing	Die cast zinc
Front plate	Acrylonitrile butadiene styrene
Seals	Acrylonitrile butadiene rubber
Reservoir	Die cast zinc
Filter insert	Borosilicate glass fiber

# Dimensions

## Dimensions



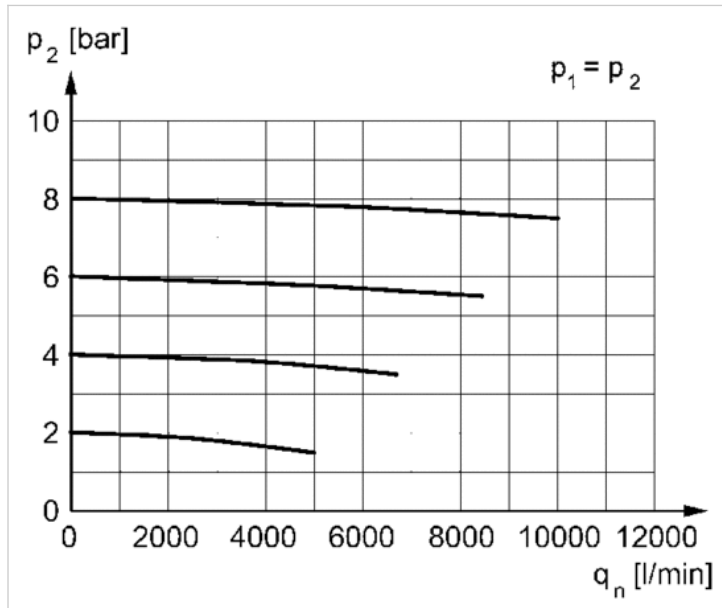
- A1 = input
- A2 = output
- A7 = condensate drain
- 1) Fully automatic condensate drain
- 2) Differential pressure gauge connection

## Dimensions in mm

A1	A2	A7	B	C	E	H	I	J	K	M	T1	T2	T7	V
G 3/4	G 3/4	G 1/8	100	54	307	58	M6	103	70.5	3	16	16	8.5	29
G 1	G 1	G 1/8	100	54	407	58	M6	103	70.5	3	16	16	8.5	29

# Diagrams

## Flow rate characteristic



$p_2$  = secondary pressure  
 $q_n$  = nominal flow